

ABSTRACT OF THE DISCLOSURE

Disclosed is a method for transmitting wireless packet data in a mobile communication system, which can provide a high-quality wireless packet data service at a lower cost by enabling a common data channel, which is used to transmit bursting data to terminals, to function as a dedicated data channel. The method for transmitting wireless packet data in the mobile communication system comprises the steps of: initializing a call processor within a base station, receiving a setup message from the terminals and simultaneously receiving a time table assignment request message from the control station; generating a packet data call instance in response to the received time table assignment request message; updating a time table and generating a radio burst protocol (RBP) instance; and transmitting the slot information message through the paging channel to the terminals and transmitting a time table assignment completion message to the control station.